

## M 6.4, 8km S of Indios, Puerto Rico

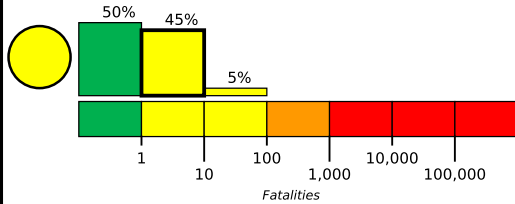
Origin Time: 2020-01-07 08:24:26 UTC (Tue 04:24:26 local)

Location: 17.9161° N 66.8125° W Depth: 10.0 km

FOR TSUNAMI INFORMATION, SEE: [tsunami.gov](https://tsunami.gov)

Created: 1 day, 0 hours after earthquake

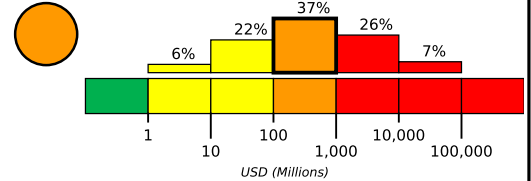
### Estimated Fatalities



Orange alert for economic losses. Significant damage is likely and the disaster is potentially widespread. Estimated economic losses are 0-1% GDP of Puerto Rico. Past events with this alert level have required a regional or national level response.

Yellow alert for shaking-related fatalities. Some casualties are possible.

### Estimated Economic Losses

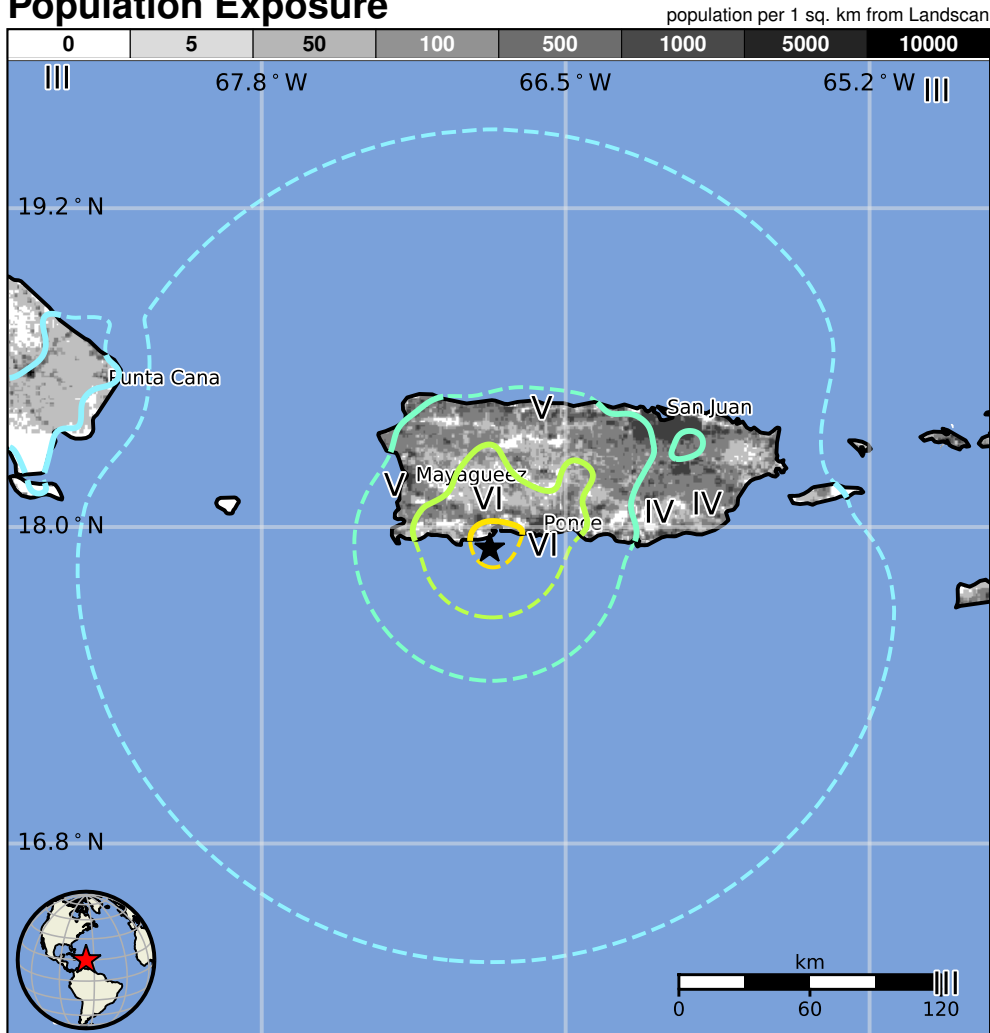


### Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	120k*	1,541k	1,494k	398k	105k	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

\*Estimated exposure only includes population within the map area.

### Population Exposure



### Structures

Overall, the population in this region resides in structures that are a mix of vulnerable and earthquake resistant construction. The predominant vulnerable building types are mud wall and informal (metal, timber, GI etc.) construction.

### Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1979-03-23	239	6.6	VI(605k)	0
1980-11-12	339	5.9	VII(87k)	—
1984-06-24	270	6.7	VII(326k)	5

### Selected City Exposure

from GeoNames.org

MMI	City	Population
VII	Indios	2k
VII	Tallaboa	1k
VII	Guayanilla	5k
VII	Magas Arriba	1k
VII	<b>Ponce</b>	<b>153k</b>
VII	Fuig	1k
V	Bayamon	203k
V	Carolina	170k
V	Caguas	87k
IV	<b>San Juan</b>	<b>418k</b>
IV	Salvaleon de Higüey	124k

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.

<https://earthquake.usgs.gov/earthquakes/eventpage/us70006vii#pager>

bold cities appear on map.

(k = x1000)

Event ID: us70006vii